

L801 Industrial Color Label Printer

Incredible Print Quality with Industry-Leading Low Cost of Ownership

The easy-to-use L801 Industrial Color Label Printer is powered by Memjet Waterfall Printhead Technology®. Built with a stationary printhead for ultimate speed, and a 1.25 liter ink capacity for large print runs, the L801 saves you both time and money.

The L801 Memjet label printer is an industrial web-fed inkjet solution, ideal for short- to medium-range print runs for retail, inventory, and product identification applications.

Key Features

- ✓ Print speed of up to 60 feet/minute
- ✓ Industry-leading ink cost per label
- ✓ Variable data capability
- ✓ Compatible with a wide range of label stock
- ✓ Exceptionally crisp images and text

Water-Resistant Labels

The L801 Plus model has Watershield™ for increased moisture resistance.

This optional technology is perfect for labels that may be exposed to moisture, such as chilled beverages, foods, chemicals, or pharmaceutical products.



Powered by
memjet®

Wide range of media compatibility

Choose the label stock that creates the best look and feel for your brand

Easy access

For simplified maintenance and servicing

Large ink capacity (CMYKK)

Supports large runs and offers industry-leading ink cost

Memjet-powered stationary printhead

Enables ultimate speed, quality, and reliability

Professional image quality & resolution

Exceptionally crisp images and text with vibrant color and rich blacks



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AFINIA LABEL®

L801 Specifications

Printer:

Print method:	Memjet Waterfall Printhead Technology® 11 Integrated Circuit (IC) Chips – 70,400 nozzles
Ink type:	Dye
Print resolution:	1600 x 1600 dpi or 1600 x 800 dpi
Print speed:	6 inches (152 mm) per second or 12 inches (305 mm) per second
Print width:	8.5 inches (216 mm)
Media types:	Compatible with a wide range of paper, polyester, polypropylene, and vinyl label stocks

Media:

Media width:	2"–8.5" (50.8 mm–216 mm)
Thickness:	Minimum 0.005" (0.13 mm) Maximum 0.01" (0.3 mm, including liner)
Core diameter:	Requires 3" (76.2 mm) cardboard core
Media sensors:	Gap, continuous, black mark
Die-cut label gap:	Minimum 0.125" (3.0 mm) Maximum 0.3" (8.0 mm)
Black mark size:	(3 mm wide, 25.4 mm long on left)

General:

Interfaces:	USB, TCP/IP (Manual IP configuration or DHCP), GPIO available for external device control
Operating system:	Windows 7, 8, and 10 (32 and 64 bit)
Barcode font:	1D Barcode at least Grade B (Code39) with 10mils bar width
Two-dimensional code	2D Barcode at least Grade B (PDF417) with 10mils cell size
Operating temperature:	15°–35° C (59°–95°F) at RH 20–80%
Storage temperature:	-5°–50° C (23°–113°F) at RH up to 85%, non-condensing at 65°
Overall dimensions:	18.9" (480mm) W, 19" (485mm) D, 21.1" (535mm) H
Weight:	83 lbs. (37.6kg)
Rated voltage:	AC 110V – 220V
Rated frequency:	50 – 60Hz
Warranty:	One year



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